

PARTNER ORGANIZATIONS

HEPATITIS B FOUNDATION (HBF)

Established in 1991 with the mission to find a cure and help improve the quality of life for those affected by chronic hepatitis B worldwide through research, education and advocacy. Visit www.hepb.org.

INSTITUTE FOR HEPATITIS AND VIRUS RESEARCH (IHVR)

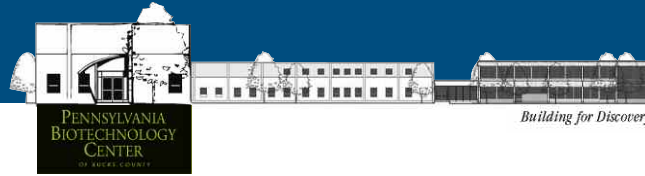
Established in 2004 by the Hepatitis B Foundation to fulfill its research mission. Scientists focus on hepatitis B and C drug discovery, early detection disease markers, and liver cancer detection and drug discovery. Visit www.ihvr.org.

DREXEL INSTITUTE OF BIOTECHNOLOGY AND VIROLOGY RESEARCH (DIBVR) OF DREXEL UNIVERSITY COLLEGE OF MEDICINE

The Drexel Institute of Biotechnology and Virology Research (DIBVR) is the lead academic entity at the Center. It is part of the Department of Microbiology and Immunology of *Drexel University College of Medicine*. The Drexel Institute also works closely with the *Drexel School of Biomedical Engineering* and the *Drexel School of Public Health*.

UNIVERSITY OF OXFORD

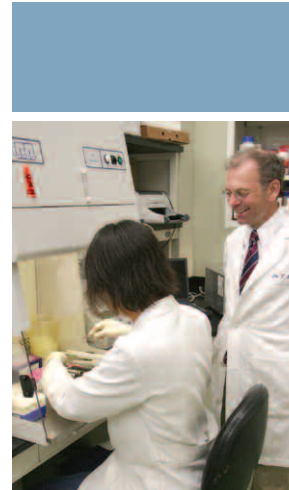
A three-year training program for post-college graduates is offered in partnership by the HBF with the University of Oxford, and is one of only two of its kind in the United States.



Academic opportunities at the Pennsylvania Biotechnology Center of Bucks County provide a stimulating academic experience that blends scholarship and mission-oriented research with a team approach, in a unique environment of biotechnology entrepreneurship.

Hepatitis B Foundation
and the
Institute for Hepatitis and Virus Research
PRESENT

ACADEMIC OPPORTUNITIES at the PENNSYLVANIA BIOTECHNOLOGY CENTER OF BUCKS COUNTY



For more information, please contact us:
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OF BUCKS COUNTY
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PROGRAMS FOR
Post Doctorates / Ph.D. / M.S.
Special Post-Bachelor's Training

FOCUSED ON
"Translating Discovery into Therapies for
Hepatitis, Glycobiology, Proteomics, Therapeutic
Drug Discovery, and Cancer Detection"

PENNSYLVANIA BIOTECHNOLOGY CENTER OF BUCKS COUNTY

The Pennsylvania Biotechnology Center is located between Princeton, NJ, and Philadelphia, PA, in a beautiful, semi-rural, yet sophisticated setting in Bucks County, PA. This area is close to many of the nation's largest pharmaceutical companies. In addition, art galleries, fine restaurants, theaters and shops offer the advantages of an urban life amidst the charm of a small town.



DOYLESTOWN, PA

In 2006, the Pennsylvania Biotechnology Center was designated by Governor Ed Rendell to be a *Keystone Innovation Zone*, which underscores its role as a leading center for biotechnology entrepreneurship. The Center is a unique blend of start-up bio and high-tech companies and nonprofit public health and research organizations working side by side.

HOME TO A LIVELY INTELLECTUAL COMMUNITY...

From which scientific discoveries will be born, researchers trained, and new companies launched!

- Hepatitis B Foundation (HBF), a public health nonprofit organization
- Institute for Hepatitis and Virus Research (IHVR), a nonprofit research institute established by the HBF
- Drexel Institute for Biotechnology and Virology Research (DIBVR), a program of the Department of Microbiology of Drexel University College of Medicine, and academic partner of the HBF/IHVR
- National Liver Specimen Bio-repository of Fox Chase Cancer Center
- Ben Franklin Technology Partners of Southeastern PA Innovation Center
- Biotechnology start-up companies

ACADEMIC PROGRAMS

Ph.D. and Masters Degree in Microbiology and Immunology and Applied Biology

Available through the Drexel Institute of Drexel University College of Medicine located at the Center.

D.Phil. and M.Phil. Degrees through the University of Oxford

Made possible through a unique partnership between the University of Oxford and the HBF /IHVR.

Post-Doctoral Training

Working with leaders in the field and a special emphasis on "translational" sciences.

Apprenticeship Program for Recent College Graduates

Excellent preparation for medical, graduate or professional schools, and careers in biotechnology.



SUMMER INTERNS

Summer Internships for College and High School Students

Allows young students to contribute to new discoveries and publications under the supervision of faculty scientists.

Scientific Seminar Series

Weekly presentations from leading scientists in the U.S. and from the around the world.

Interactions with the Commercial Sector

On site collaborations with entrepreneurs willing to work with academic and nonprofit research scientists.

Graduate Classes in Biomedical Sciences

Available through the Drexel Institute of Drexel University College of Medicine at the Center.

Delaware Valley College

Evening classes available through this four-year liberal arts college located in Bucks County, PA.

CENTER FACULTY MEMBERS AND THEIR RESEARCH INTERESTS

TIMOTHY M. BLOCK, PH.D.

Director and Professor (DIBVR, HBF, IHVR); HBV, HCV, liver and GI cancer, therapeutics, early detection of disease, herpes, West Nile Virus (WNV), glycobiology, and protein folding.

BARUCH S. BLUMBERG, M.D., PH.D.

The HBF Distinguished Scientist (HBF, IHVR, Fox Chase Cancer Center). Received the Nobel Prize in Medicine for his discovery of the hepatitis B virus and the first HBV vaccine.

ANDREA CUCONATI, PH.D.

Assistant Professor (IHVR, HBF). HBV and HCV high-throughput drug discovery.

ALISON EVANS, SC.D.

Assistant Professor (Drexel School of Public Health, HBF). HBV epidemiology, liver cancer.

HAI-TAO GUO, PH.D.

Instructor (DIBVR, IHVR). HBV DNA structure, signal transduction.

JU-TAO GUO, M.D.

Assistant Professor (DIBVR, IHVR). HBV and HCV, and WNV innate host defense.

BAOHUA GU, PH.D.

Associate Professor (DIBVR, IHVR). WNV therapeutics.

XUANYONG LU, PH.D.

Assistant Professor (DIBVR, IHVR). HBV and liver cancer.

ANAND MEHTA, D.PHIL.

Associate Professor and Associate Director (DIBVR, IHVR). HBV/HCV glyco-biology, glycoproteomics, liver cancer, protein folding.

PAMELA NORTON, PH.D.

Associate Professor, and Associate Director (DIBVR, IHVR). HBV, HCV, protein folding.

CATHY PACHUK, PH.D.

Professor (IHVR, on leave). siRNA as a therapeutic, HBV, HCV, HIV; biotech start co.

RAMILA PHILIP, PH.D.

Professor (IHVR). Immuno-proteomics, HBV, HCV, liver cancer; biotech start up co.

C. SATISHCHANDRAN, PH.D.

Professor (IHVR, on leave). siRNA as a therapeutic, HBV, HCV, HIV; biotech start co.

KUNWAR SHAILUBHAI, PH.D., M.B.A.

Professor (IHVR and DIBVR). Liver cancer, bacterial toxins; biotech co.

YING-HSIU SU, PH.D.

Associate Professor (DIBVR, IHVR). Herpes, and liver and GI cancer.

TIANLUN ZHOU, M.D., PH.D.

Assistant Professor (IHVR, DIBVR). HBV, HCV, and gene silencing.